FOR QUALITY & EXCELLENCE IN HIGHER EDUCATION
Accredited by NAAC

BANGALORE UNIVERSITY
DEPARTMENT OF CIVIL ENGINEERING

Phone Off: 080-22961935 / 1946
E-mail: centrans9@gmail.com

JNANA BHARATHI
BANGALORE - 560 056

BUB/CTE/2015-16/

Date: 23-05-2015

TEST REPORT ON WET MIX MACADAM MIX
(GRADATION TEST)

Sub: To conduct Gradation test on Wet Mix Macadam (WMM) Mix.
{Project*: Filling of Pot holes at Balaji Layout, Amco Layout Kodigehalli Village,Bhadrappa Layout, Devinagara and TATA Nagar in Ward No. 09 Kodigehalli Sub Division .}

Ref.: Letter No. AEE/BBMP/VSD/PR/345/2015-16, dated 19-05-2015

Sample supplied to lab by : Assistant Executive Engineer
Kodigehalli Sub-Division
BBMP, Bangalore.

Name of the Contractor/ Agency*: Sri Madhusudhan R,contractor Bangalore.

TEST RESULTS

1. Gradation Test:

TABLE 1.1

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, IV Revision-2001
53	100.00	100
45	97.80	95-100
26.5	---	-
22.4	73.50	60-80
11.2	54.80	40-60
4.750	32.50	25-40
2.360	17.30	15-30
0.600	12.80	8--22
0.075	2.90	0--8

AE-8

*As Furnished by Client.

The Results relate only to the items tested.

G.R. HARISH
Professor
Department of Civil Engineering
Jnana Bharathi Campus
BANGALORE UNIVERSITY
Bangalore-560 056.

Verified

Dr. MANJESH .L
ME (Civil Engg) Ph D MISTE.MIRC
Associate Professor
Department of Civil Engineering
Bangalore University Jnanabharathi Campus
BANGALORE- 560 056
e- mail: manjeshl@yahoo.com

FOR QUALITY & EXCELLENCE IN HIGHER EDUCATION
★ ★ ★ ★ ★
Accredited by NAAC

BANGALORE UNIVERSITY
DEPARTMENT OF CIVIL ENGINEERING

Phone Off: 080-22961935 / 1946
E-mail: centrans9@gmail.com

JNANA BHARATHI
BANGALORE - 560 056

BUB/CTE/2015-16/

Date: 11-06-2015

TEST REPORT ON WET MIX MACADAM MIX
(GRADATION TEST)

Sub: To conduct Gradation test on Wet Mix Macadam (WMM) Mix.
{Project*: Filling of Pot holes at Balaji Layout, Amco Layout Kodigehalli Village,Bhadrappa Layout, Devinagara and TATA Nagar in Ward No. 09 Kodigehalli Sub Division .}

Ref.: Letter No. AEE/BBMP/VSD/PR/345/2015-16, dated 08-06-2015

Sample supplied to lab by : Assistant Executive Engineer
Kodigehalli Sub-Division
BBMP, Bangalore.

Name of the Contractor/ Agency*: Sri Madhusudhan R,contractor Bangalore.

TEST RESULTS

1. Gradation Test:

TABLE 1.1

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, IV Revision-2001
53	100.00	100
45	98.30	95-100
26.5	---	-
22.4	72.80	60-80
11.2	52.90	40-60
4.750	33.20	25-40
2.360	18.60	15-30
0.600	14.20	8--22
0.075	2.75	0--8

*As Furnished by Client.

The Results relate only to the items tested.

G.R. HARISH
Professor
Department of Civil Engineering
Jnana Bharathi Campus
BANGALORE UNIVERSITY
Bangalore-560 056.

Verified

Page No. 1/1,

11/6/15
Dr. MANJESH .L
ME (Civil Engg). Ph D MISTE.MIRC
Associate Professor
Department of Civil Engineering
Bangalore University Jnanabharathi Campus
BANGALORE- 560 056
e- mail: manjeshl@yahoo.com

FOR QUALITY & EXCELLENCE IN HIGHER EDUCATION
Accredited by NAAC

BANGALORE UNIVERSITY
DEPARTMENT OF CIVIL ENGINEERING

Phone Off: 080-22961935 / 1946
E-mail: centrans9@gmail.com

JNANA BHARATHI
BANGALORE - 560 056

BUB/CTE/2015-16/

Date: 22-06-2015

1.TEST REPORT ON BITUMINOUS MIXES :
(BITUMEN EXTRACTION TEST & GRADATION TEST)

{Project*: Filling of Pot holes at Balaji Layout, Amco Layout Kodigehalli Village,Bhadrappa Layout, Devinagara and TATA Nagar in Ward No. 09 Kodigehalli Sub Division .}

Ref.: Letter No. AEE/BBMP/VSD/PR/345/2015-16, dated 18-06-2015

Sample supplied to lab by : Assistant Executive Engineer
Kodigehalli Sub-Division
BBMP, Bangalore.

Name of the Contractor/ Agency*: Sri Madhusudhan R,contractor Bangalore.

TEST RESULTS

B. Type of Construction: **Bituminous Concrete(40mm thick), Gr-II.**

1.The bitumen content obtained after subjecting the sample for Bitumen Extraction test = **5.49 %**

2. Gradation Test

TABLE 1.1

Sieve Size, mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Gradation requirement as per Table 500-18 of MORTH Specfications-2001 BC (Grading – 2)
19.0	100.00	100
13.2	95.20	79-100
9.5	82.90	70-88
4.75	63.20	53-71
2.36	48.20	42-58
1.18	41.50	34-48
0.600	32.30	26-38
0.300	24.20	18-28
0.150	16.70	12-20
0.075	5.30	4-10

*As Furnished by Client.

The Results relate only to the items tested.

G.R. HARISH
Professor
Department of Civil Engineering
Jnana Bharathi Compus
BANGALORE UNIVERSITY
Bangalore-560 056.

Dr. MANJESH .L
ME (Civil Engg). Ph D MISTE.MIRC
Associate Professor
Department of Civil Engineering
Bangalore University Jnanabharathi Campus
BANGALORE- 560 056
e- mail. manjeshl@yahoo.com